OOK

dth 5	Depth 6	Contents 7	Reference to last Measurement 8
IT	18861		
KST	75442		
FST	113164		
WT	18861		
CST	18861		
Roy	22059		
Fine	5000		
	2507735.00		

First & Final Bill

BR-308/30143

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193760

Serial No.....

Name of work. Construction of R.C.C. Drain, Covering slab and Improvements to Roads at 1st Floor in Nanjappa Layout in ward No - 60.

Name of Contractor of nature of Agency..... Sri. T.G. Manjunath

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work code NO:-	010-13-000013.					
	Work order NO:-	EE IBTP/BBMP/E-TND/434/2012-13. Date 16-03-13.					
	Address of Agency:-	#3395, 5th cross 1st main road. Nayasinagara, Bangalore.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation for foundation of buildings, Culverts water supply, Sanitary line and electrical conduits either in Pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m.						
	4th cross RLS	1	x30.00	x0.90	x0.70 =	18.90cum	
		1	x30.00	x0.90	x0.70 =	18.90cum	
		1	x13.30	x0.90	x0.70 =	8.38cum	
	4th cross LLS	1	x30.00	x0.90	x0.70 =	18.90 cum	
		1	x30.00	x0.90	x0.70 =	18.90cum	
		1	x13.30	x0.90	x0.70 =	8.38cum	
	4thA cross LLS	1	x30.00	x0.90	x0.70 =	18.90cum	
		1	x32.60	x0.90	x0.70 =	20.54 Cum	
	4thA cross RLS	1	x30.00	x0.90	x0.70 =	18.90 Cum	
		1	x27.30	x0.90	x0.70 =	17.20cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency..

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
	5th cross RLS	
	5th cross LLS	
	cross Road RLS	

IENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8
			dation of buildings, culverts and electrical conduits either in above in width, in ordinary soil including dressing the bottom and acking the excavated soil clear lead upto 50m.	
0	x0.90	x0.70 =	18.90cum	
	x0.90	x0.70 =	18.90cum	
0	x0.90	x0.70 =	8.38cum	
00	x0.90	x0.70 =	18.90 cum	
0	x0.90	x0.70 =	18.90cum	
0	x0.90	x0.70 =	8.38cum	
0	x0.90	x0.70 =	18.90cum	
	x0.90	x0.70 =	20.34 cum	
	x0.90	x0.70 =	18.90 cum	
0	x0.90	x0.70 =	17.20cum	

(4Fc)

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193761

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th cross RLS	1	x30.00	x0.90	x0.70 =	18.90cum	
		1	x13.70	x0.90	x0.70 =	8.63cum	
	5th cross LLS	1	x12.70	x0.90	x0.70 =	8.00cum	
		1	x30.00	x0.90	x0.70 =	18.90cum	
		1	x30.00	x0.90	x0.70 =	18.90cum	
		1	x14.50	x0.90	x0.70 =	9.14cum	
	Cross Road RLS	1	x30.00	x0.90	x0.70 =	18.90cum	
		1	x30.00	x0.90	x0.70 =	18.90cum	
					Total =	288.16cum	
	Quantity involved in Tender =					279.72 cum.	

(4Fc)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road RLS	3	x30.00		x0.60 =	54.00 Sqm	
		3	x14.50		x0.60 =	26.10 Sqm	
		3	x30.00		x0.60 =	54.00 Sqm	
		3	x30.00		x0.60 =	54.00 Sqm	
					Total =	823.32 Sqm	
					Quantity limited to Tender =	799.20 Sqm	
					@ RS 250.00	RS 199800.00	

4) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with Super Plasticizer @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed concrete laid in layers not exceeding 150mm thick, vibrated for all works in foundation plinth and ground floor level to

Serial No.....

Name of work.....

Name of Contractor of nature of Agency....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	
	roof slabs, staircase including attached p posts stairs, buttresse specifications. Bottom concrete	
	qty cross RLS	1
		1
		1
	qty cross LLS	1
		1
		1
		1

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		x0.60 = 54.00 Sqm	
		x0.60 = 26.10 Sqm	
		x0.60 = 54.00 Sqm	
		x0.60 = 54.00 Sqm	
		Total = 823.32 Sqm	
		ited to Tender = 799.20 Sqm	
		Rs 199800.00	

reinforced cement concrete of
ent @ 320 Kgs with 20mm and
d Coarse aggregates @ 0.878 cum
m with Super Plastisizer @ 3 Lts
ormed - 200 ltrs machine mixed
elony 150 mm thick Vibrated for
th and ground floor level for

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193764

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	roof slabs, staircase, lintels, retaining walls. (any thickness) including attached Plasters. Columns, Piers abutments, Pillars, posts struts, buttresses, String or Lacing courses complete as per specifications.						
	Bottom concrete						
	gfu roofs RLS	1	x30.00	x0.60	x0.10 =	1.80 cum	
		1	x30.00	x0.60	x0.10 =	1.80 cum	
		1	x13.30	x0.60	x0.10 =	0.80 cum	
	gfu roofs LLS	1	x30.00	x0.60	x0.10 =	1.80 cum	
		1	x30.00	x0.60	x0.10 =	1.80 cum	
		1	x13.30	x0.60	x0.10 =	0.80 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9th A cross LHS	1	x30.00	x0.60	x0.10 =	1.80 Cum	
	9th A cross RHS	1	x32.60	x0.60	x0.10 =	1.96 Cum	
	5th cross RHS	1	x30.00	x0.60	x0.10 =	1.80 Cum	
		1	x27.30	x0.60	x0.10 =	1.64 Cum	
		1	x30.00	x0.60	x0.10 =	1.80 Cum	
		1	x13.70	x0.60	x0.10 =	0.82 Cum	
	5th cross LHS	1	x12.70	x0.60	x0.10 =	0.76 Cum	
		1	x30.00	x0.60	x0.10 =	1.80 Cum	
		1	x30.00	x0.60	x0.10 =	1.80 Cum	
	Cross Road RHS	1	x14.50	x0.60	x0.10 =	0.87 Cum	
		1	x30.00	x0.60	x0.10 =	1.80 Cum	
	Side wall	1	x30.00	x0.60	x0.10 =	1.80 Cum	
	9th cross RHS	2	x30.00	x0.10	x0.55 =	3.30 Cum	
		2	x30.00	x0.10	x0.60 =	3.60 Cum	
		2	x13.30	x0.15	x0.50 =	2.00 Cum	

C/F

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	9th cross RHS	2
		2
	9th A cross LHS	2
		2
	9th A cross RHS	2
		2
	5th cross RHS	2
		2
		2
	5th cross LHS	2

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
x0·60	x0·10 =	1·80 cum	
x0·60	x0·10 =	1·96 cum	
x0·60	x0·10 =	1·80 cum	
x0·60	x0·10 =	1·64 cum	
x0·60	x0·10 =	1·80 cum	
x0·60	x0·10 =	0·82 cum	
x0·60	x0·10 =	0·76 cum	
x0·60	x0·10 =	1·80 cum	
x0·60	x0·10 =	1·80 cum	
x0·60	x0·10 =	0·87 cum	
x0·60	x0·10 =	1·80 cum	
x0·60	x0·10 =	1·80 cum	
x0·10	x0·55 =	3·30 cum	
x0·10	x0·60 =	3·60 cum	
x0·15	x0·50 =	2·00 cum	

C/Fd

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193765

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	9th cross RLS	2	x30.00	x0.10	x0.55 =	3.30 cum	
		2	x30.00	x0.10	x0.60 =	3.60 cum	
	9th A cross LLS	2	x13.30	x0.15	x0.50 =	2.00 cum	
		2	x30.00	x0.10	x0.50 =	3.00 cum	
	9th A cross RLS	2	x32.60	x0.10	x0.60 =	3.91 cum	
		2	x30.00	x0.10	x0.50 =	3.00 cum	
	5th cross RLS	2	x27.30	x0.10	x0.50 =	2.73 cum	
		2	x30.00	x0.10	x0.60 =	3.60 cum	
		2	x13.70	x0.15	x0.50 =	2.06 cum	
	5th cross LLS	2	x12.70	x0.10	x0.50 =	1.27 cum	
		2	x30.00	x0.10	x0.50 =	3.00 cum	

C/Fd

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road RLS	2	x30.00	x0.10	x0.60 =	3.60 Cum	
		2	x14.50	x0.10	x0.60 =	1.74 Cum	
		2	x30.00	x0.10	x0.60 =	3.60 Cum	
		2	x30.00	x0.10	x0.55 =	3.30 Cum	
					Total =	80.04 Cum	
		Qty limited to Tender			=	79.92 Cum	
		@ RS 4800.00				RS 383616.00	

30/11/2013

31/12/13

5) providing T.M.T steel reinforcement for R.C.C work including Straightening, cutting, bending, hooking, placing in position lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps hooks and wastage shall not be measured and paid) cost materials, labour, Hire of machinery etc complete as per specification

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
	Quantity Vide P of this MB V	
6)	Filling available exca foundations upto P depth, Compacting e watering with lead cost of all labours e direction of engi	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty limited to tender			= 266.40 Sqm		
		@ RS 305.00				RS 81252.00	
9)	Providing chamfering edges to stone slab 2 scond. wide as per specifications. Only chamfered length shall be recorded etc complete as per specifications and directions of engineer in charge of the work						
		1016 x 2.10			= 2133.60		
		Qty limited to tender			= 2072.70 Rft		
		@ RS 120.20				RS 249139.00	
10)	Providing two line dressing to granite stone slab/ granite stone masonary etc complete as per specifications and directions of engineer						

M.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3
		Qty
	Certificate :-	
	certified that the materials issued	abov

ENT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
d to tender			= 266.40 Sqm	
.00				RS 81252.00
o Stone Slab 2 Sqmts. wide of				
ffred length shall be recorded				
ons and directions of Engineer				
			= 2133.60	
to Tender			= 2072.70 Sqmts	
.20				RS 249139.00
g to granite stone Slab				
te complete as per Specifica				
neer				

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193769

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

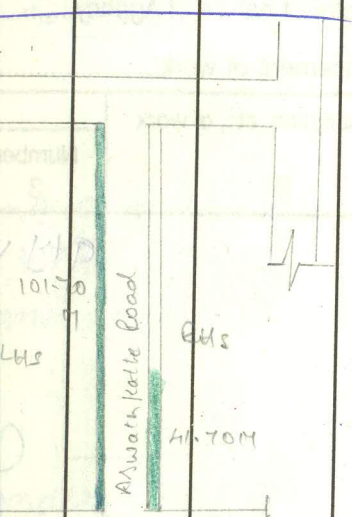
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty Vide Item No-8				= 266.40 Sqm	
		@ RS 520.00				RS 138528.00	
						Total RS	1573413.00
		CE Rule 30/11/13				Zadhav AE 30/11/2013	
	Certificate :-						
	certified that the above work done satisfactorily and no materials issued from departmentally.					Zadhav AE 30/11/2013	

ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,

BOOK

s		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
of work done Spot			



ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾ
ಯಲಹಂಕ ವಲಯ.

ಬಿ ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193770

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	ಬಿಲ್ಲು ಪೂರ್ವಭಾಗ ರೂ 1573400=00 ಗುತ್ತಿಗಾದಾರ ಹಣಕಾಸಿ ಭಾಗದ ರೂ. 209002=00 ಮೊದಲಾದ ಮೊತ್ತಗಳನ್ನು ಒಳಗೊಂಡಂತೆ ರೂ 13,64,398=00 ಮೇಲ್ ಮೊತ್ತಗಳನ್ನು ನೀಡಲಾಗಿದೆ Krishnappa ಲಿಖಿತಗಾರರು ಪ್ರಾಧಿಕಾರಿಯವರು ಭಾಗ ಸಿ. ಮ. ಪಾ. ಬಿ					JT - 1573400 KS - 62936 BP - 94404 LW - 15734 CSP 1573 ROY - 16621 FM - 2000 209002=00	